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## IN THE UNITED STATES PATENT AN TRADEMARK OFFICE

In re Patent Application of

LYON

Atty. Ref.: 839-1101

Serial No. 09/992,004

Group: Unassigned

Filed: November 26, 2001

Examiner: Unassigned

For: CONVERSION OF STATIC SOUR NATURAL GAS TO **FUELS AND CHEMICALS** 

March 7, 2002

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

## INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

AECEN.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

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	1128804	2/1915	IV	littasch et al					
	1711036	4/1929		Beekley					
	1973590	9/1934	<del> </del>	Veaton et al					
	2565395	8/1951		Scharmann				<del></del>	
	3690550	9/1972		ilberath et al					
	4388877	6/1983		olayem et al				<del>-</del>	
	4400356	8/1983		McVay et al					
	5130100	7/1992		Serizawa					
	5339754	8/1994		Lyon					
	5653106	8/1997	Ka	atashiba et al					
	5827496	10/1998		Lyon					<u> </u>
		F	DREIGN PATEN	NT DOCUMENTS					
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·· <del>-</del>	DOCUMENT	DATE		COUNTRY		CLASS	SUBCLASS	YES	NO
	49-51189	5/1974		Japan					
	58-156192	9/1983		Japan			_		
	59-102801	6/1984		Japan					
	706 102	1/1980		sian Federation					
	2 272 430	5/1994		ited Kingdom					ļ
				nor, Title, Date, Per					
	Yang et al., "Reactor T		ve Hydrocarbor	is From Engine Env	/iron. Sc	i. Techno	l., Vol. 26, N	o. 8 pp.	1561—
	1564 (1994, no month).								
	Ishida, M. et al., A Novel Combustor Based on Chemical—Looping Reactions and Its Reaction Kinetics, Journal of								
	Chemical Engineering of Japan, vol. 27, No. 3, pp. 296—301 (Jun. 1994).  Bhattacharyya, et al., Catalytic Sox Abatement of FCC Flue Gases, Preprints of Papers Presented at the 194th Nat'l								
	Meeting of the American Chemical Society, vol. 32, No. 4 (Aug. 31—Sep. 4, 1987).								
	Ishida, et al., Evaluation of a Chemical—Looping—Combustion Power—Generation System by Graphic Exergy								
	Analysis, Energy, vol. 12, No. 2, 147—154 (1987). No month.								
	Lemieux, et al., Minimization of Transient Emissions from Rotary Kiln Incinerators, Prepared for Submission to Com-								
	bustion Science and Technology, Aug. 2, 1989, (Revised Jan. 5, 1990).								
	Lyon, Unmixed Combustion: A New Technology For Prevention of Puffing By Rotary Kiln Incinerators and Other								
	Applications, American Chemical Society, vol. 38, No. 2, Preprints of Papers Presented at the 205th ACS National								
	Meeting in Denver, Colorado (Mar. 28—Apr. 2, 1993).  Richter, et al., Reversibility of Combustion Processes, Second Law Analysis of Processes, ACS Symposium Ser.								
	235, 71—86 (1983) No month.								
	Chemical Abstracts, vol. 100, 174 (1984). (No month given).								
	Wendt et al, Mechanisms Governing Transients from the Batch Incineration of Liquid Wastes in Rotary Kiln,								
	Combustion Science and Technology, vol. 71, 169-185 (1988) (no month).								
	Wendt, et al., Prediction of Transient Behavior During Batch Incineration of Liquids Wastes in Rotary Kiln,								
	Hazardous Waste & Hazardous Materials, Liebert, Inc. Publ., vol. 7, No. 1(1990). Nov.								
	Curran et al., CO <sub>2</sub> Acceptor Gasification Process: Studies of Acceptor Properties, Advances in Chemistry Series 69,								
	American Chemical Society, pp. 141—165 (Sep. 1966).  Bett et al., Power Systems Div. United Technologies Corp., Evaluation of Adiabatic Reformer In Mixed—Gas—								
						patic Refe	ormer In Mix	эа—Gas	<del>;</del>
Evaminar	Cycle, Department of D	reiense Hep	OILINO, AD—A13 T	34224 (Jun. 1983).  Date Considered		<del></del> -			
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